

1	CHIMNEY OR STACK	35	..Spaced cap
2	.Vehicle	36	...And spaced shield
3	.Chimneytop or stacktop structure (e.g., cowl)	37	...And skirt deflector extending outwardly from chimney or stack
4	..Cap closure	38	...And skirt deflector extending outwardly from chimney or stack
5	...Pivoted	39	..Having air current inducing jet
6	....Plural, separately pivoted portions	40	...Plural, in-series jets
7	....Having remote control	41	.Having liquid drain
8	..Inlet and outlet	42	.Having internal air current guide
9	...Having air current responsive adjustment means (e.g., wind vane, etc.)	43	.Having flue heater
10	..Inlet	44	.Having lining or sleeve
11	...Having air current responsive adjustment means (e.g., wind vane, etc.)	45	..Including breech opening
12	..With means for mounting on brick-type chimney	46	..Pressurized air lining
13	...Chimneytop structure extends within chimney	47	..Axially connected chimney or stack sections
14	....Means for mounting to inner wall	48	EXTERIOR VAULT OR MANHOLE COVER
15	..With rotary means in air current (e.g., fan, etc.)	49	WORKSTATION VENTILATOR (E.G., HOOD, OFFTAKE, ETC.)
16	...Driven by external power source	50	.Spray booth
17	...Having air current responsive adjustment means (e.g., wind vane, etc.)	51	..Having air inlet separate from access opening
18	...Cage-type blade set	52	...Ceiling inlet
19	....Including additional blade set	53	..With outlet air treatment means
20	..Having air current responsive adjustment means	54	...With means for liquid contact
21	...Wind vane	55	....Spraying nozzle
22	....With air current inducing jet	56	.Covered workbench chamber (e.g., fume hood, etc.)
23	.....Centered within induced air current	57	..Having air inlet separate from access opening
24	....Shield	58	...Including flow adjustment means
25	....Hood having outlet opening perpendicular to wind	59	....Responsive to position of access door
26	...Current regulator	60	...And air outlet through access opening
27	..Having readily movable air current regulating means	61	..Having outlet airway flow adjustment means
28	...With temperature sensitive release	62	...Plural airways with adjustable distribution means
29	...Continuously horizontal panel	63	.Movable
30	...Pivoted	64	..Having sliding, communication, airway duct sections
31	....Plural	65	..Having canopy exhaust hood
32	..T-top	66	.Having inlet airway
33	..Spiral or plural stacked rings	67	.Having canopy exhaust hood
34	..Four-side outlets with shield	68	ELEVATOR
		69	VEHICLE (E.G., AUTOMOBILE, ETC.)
		70	.Pressure regulation
		71	..Ventilation of aircraft cabin

72	...Auxiliary control system	108	...Including specific air distributor
73	...Mechanical operation of control system (e.g., by bellows or diaphragm, etc.)	109	....Having adjustable deflector
		110	...Liquid contact
74	...Control system having electrical or electronic component	111	...With deflecting separator-type filter
		112	...With air pump
75	..Having automatic control means	113	....Wind operated
76	..Aircraft	114	....Wheel-axle operated
77	..Freight	115	..Having outlet airway
78	..Waterborne	116	...With current inducing jet
79	..Freight	117	...With air pump (e.g., wind or wheel-axle operated, etc.)
80	...Nonperishable bulk foodstuff (e.g., grain ship)	118	..Freight
81	..Porthole ventilator	119	..Having external connection
82	..With moisture deflector or drain	120	..Seat structure
		121	..Condensation preventer (e.g., defroster, etc.)
83	..Railcar, bus, or trailer		
84	..Locomotive cab	122	..Air directed between double paned window
85	...Condensation preventer (e.g., defroster, etc.)	123	..Air directed at window exterior
86	...Including dust guard for cab window opening	124	..Side or rear window
87	..Sleeping car	125	..Having sweeping air distributor
88	..Freight	126	..Having means for combining heated and unheated air
89	...Ice-bunker closure (e.g., for refrigerated railcar)	127	..Having dashboard air distributor (e.g., for windshield, etc.)
90	...Refrigerated or heated		
91	....With air pump	128	..Means for open window (e.g., deflector, etc.)
92	...With air pump		
93	..Condensation preventer (e.g., defroster, etc.)	129	..Sunroof
		130	..Windshield or rear window
94	..Having exterior cap closure for vent	131	..At upper edge of sliding window
		132	...Having means to selectively adjust airflow
95	..Having window or entry-door ventilation structure	133	...Having plural air passages
96	...Including dust guard for window opening	134	..Pivoted window
		135	..Adjacent front edge of window
97	....Inside of window	136	..Roof structure
98	....Outside of window	137	..Including duct extending along roof
99	..Having forced recirculation		
100	...Having forced recirculation means alone	138	...Having exterior inlet opening over windshield
101	....Wind-operated fan	139	..Having forced recirculation
102	....Wheel-axle operated fan	140	..Forced recirculation alone or agitating fan
103	..Having both inlet and outlet airways	141	..Having both inlet and outlet airways
104	...Including unitary inlet and outlet housing	142	..Including unitary inlet and outlet housing
105	...With air pump		
106	....Wind or wheel-axle operated	143	..Having inlet airway
107	..Having inlet airway	144	..Including duct extending along floor

145	..Selective inlet, outlet, and closure	190	.Including plural, layered currents
146	..Including exterior cowl inlet	191	.Including suction outlet
147	...With moisture deflector or drain	192	.Including current adjusting means
148	...Ducting to heat exchanger	193	.Cabinet enclosure (e.g., display case, etc.)
149	...Having exterior door	194	BLAST OR SHOCK WAVE PREVENTION
150	..Including exterior windshield inlet	195	MEANS COMBINED WITH DOOR
151	..Including exterior rear or rear-side inlet	196	MEANS COMBINED WITH WINDOW
152	..Including specific air distributor	197	.For bed or couch
153	...Sweeping type	198	.Condensation preventer
154	...Having swiveling nozzle	199	.Skylight
155	...Having adjustable deflector	200	.With air pump
156	..With air treatment means	201	..Cooling air conditioner
157	...Liquid contact	202	...Having readily moveable flow control means
158	...Porous filter	203	...With extensible side panel
159	...Heating	204	...With mounting or support means
160	....Having means for combining heated and unheated air	205	..Recirculation means
161	....Having heat exchange core	206	..With specific noise inhibiting structure
162	.Having outlet airway	207	..With specific filtering means
163	..With current inducing jet	208	..Propeller fan having rotary axis perpendicular to window
164	..Exterior side outlet	209	...With mounting means for pump reversal
165	..Exterior rear outlet	210	...With extensible side panel
166	VEHICULAR TUNNEL	211	.Having air passage in sash
167	.With air pump	212	.Having air passage means within, attaching to, or replacing pane
168	MINE	213	.Having air passage at window top
169	.With partition means (e.g., brattice, etc.)	214	.Having air passage between sill and bottom of sash
170	..Flexible sheet	215	..Including wall sloping downward from window
171	.Having inlet and outlet ductwork	216	..Including wall for upwardly deflecting inlet air
172	.Having inlet ductwork	217	...Having adjustable angle or swingable mounting
173	STORAGE AREA FOR PERISHABLES	218	....Including collapsible or flexible, perpendicular side wall
174	.Harvested crop ventilation	219	...Having readily moveable air regulating means
175	..Having perforated or slotted duct contacting crop	220	...Having slidably interconnected sections
176	...Including insertion means	221	..Including louvers
177	...Horizontal and vertical perforated or slotted ducts	222	..Including readily moveable air regulating means
178	....With air pump	223	..With means for liquid contact
179	...Horizontal duct	224	.Having louvers
180	....With air pump	225	.Tilting pane window
181	...With air pump	226	.Having wind deflector
182	..Granular crop or corn ears		
183	.Provision safe		
184	ELECTRONIC CABINET		
185	HOLLOW PARTITION		
186	.Having blower		
187	CLEAN ROOM		
188	HAVING PROTECTING AIR CURRENT		
189	.Surrounding protected area		

227	.Including backdraft preventer	262	..And having specific noise inhibiting structure
228	HAVING FORCED RECIRCULATION	263	..With shaped nozzle
229	.Including automatic control means	264	...And readily movable air regulating louver, damper, or cover
230	.Forced recirculation alone	265	..With readily movable air regulating louver, damper, or cover
231	..Having recirculating duct connecting upper and lower room air strata	266	...Pivoted
232	..Having plural or branched recirculation ducts	267	....Plural
233	..For use with heating or cooling means	268	.....Including parrallel louver vanes
234	.Including unitary housing having both inlet and outlet airways	269	..With air pump
235	..Having air pump means for both airways	270	.Sleeved vent for ceiling, wall, or floor (e.g., thimble)
236	.For use with heating and cooling means	271	..Wall type
237	HAVING BOTH INLET AND OUTLET AIRWAYS	272	...With air pump
238	.Pressure regulation	273	...Having adjustable valve
239	.Including automatic control means	274	....Sliding or axially moveable
240	.With wind-operated air pump	275	.Including specific cover or shield for exterior vent opening
241	.Including unitary inlet and outlet housing	276	..Wall type
242	..Rooftop	277	...Louver
243	..Sleeved vent for ceiling, wall, or floor (e.g., thimble)	278	....Having moveable vanes
244	...With air pump means for both inlet and outlet airways	279	....Having serially aligned vane sets
245	..Air distributor with return vent (e.g., register, etc.)	280	....Formed in sheet member
246	...Baseboard type	281	....Having specific vane supporting means
247	...Floor type	282	.....In between vane ends
248	...Ceiling type	283	....With screen mounting means
249	..With air pump	284	.Including specific air distributor (e.g., register, etc.)
250	.Natural ventilation including air passage through rooftop (i.e., no air pump)	285	..Sweeping type
251	.With air pump means	286	..Having airway joint with ball or cylinder rotatable in a socket
252	..For both inlet and outlet airways	287	..Baseboard type
253	..For outlet airway	288	...Including portion or element movable during normal use
254	HAVING INLET AIRWAY	289	..Floor type
255	.Pressure regulation	290	...Having adjustable valve
256	.Including automatic control means	291	...With means for liquid contact
257	..Emergency smoke or fire responsive valve	292	..Ceiling type
258	..Air temperature responsive	293	...With light fixture
259	.Including backdraft preventer	294	....Air passes over lamp
260	.Through roof eaves or rafters	295	....Having adjustable valve
261	.Including structure for mixing plural air streams together	296	...Including perforated or porous element
		297	....Having portion or element movable during normal use

298	.....Axially movable or sliding valve	335	..Plural blades pivoting along parallel axes
299	...Including plural vanes	336	...Adjacent blades pivot in opposing directions
300	....Concentric	337	.With means for liquid contact
301	...Including elongated output slot	338	.With air pump
302	....Single, annular output slot	339	HAVING OUTLET AIRWAY
303	....Having portion or element movable during normal use	340	.Pressure regulation
304	.....Pivoted	341	.With air pump
305	..Air nozzle	342	..And having specific emergency smoke handling structure
306	..Having air duct extending into room	343	..Having specific air pump actuator
307	..Having air deflecting wall extending into room	344	..Pump induces draft in exit duct
308	..Having vanes or elongated output slots extending radially	345	..Having plural suction intakes
309	..Louvered air distributor	346	..Having vibration absorbing or preventing structure
310	...Concentric	347	..Having readily movable air regulating louver,damper, or cover
311	....Having separate, adjustable internal damper	348	...Continuously horizontal damper panel
312	....Having adjustable vane	349	...Ceiling mounted air pump
313	...Moveable	350	...Wall mounted air pump
314	....Aligned mutiple, movable sets of vanes	351	....Plural damper panel
315	.....Serially arranged sets	352	...Plural damper panel
316	....Repositionable set	353	...Including backdraft preventer
317	....Rotating disks	354	..Ceiling or wall mounted
318	....Louver vanes form valve	355	..With movable access cover
319	....Plural vanes pivoting about individual axes	356	..Having exterior neck with enlarged, weather resistant cover
320	.....Pivot at leading or trailing vane edge	357	.Having emergency smoke handling feature
321	...In housing within room	358	.Having readliiy movable air regulating louver, damper, or cover
322	..With adjustable valve	359	..Including backdraft preventer
323	...Axially movable	360	...Including counter balancing means
324	...Sliding	361	..Internal damper
325	...Plural blades pivoting along parrallel axes	362	...Continuously horizontal damper panel
326	....Adjacent blades pivot in opposing directions	363	...Pivoted damper panel
327	...Valve opens by pivoting in upstream direction	364	..Along roof ridge
328	..With means for liquid contact	365	.Along roof ridge
329	..With air pump	366	.Slant roof ventilator
330	..Having register box, frame, or grating	367	.Having specific cover or shield for exterior vent opening
331	...Including specific grating or grating mounting structure	368	..Exterior neck with enlarged, weather resistant cover
332	....Readily moveable grating	369	FIRE DAMPER
333	.With adjustable valve (e.g., damper, etc.)	370	MISCELLANEOUS
334	..Axially movable or sliding		

CROSS-REFERENCE ART COLLECTIONS

900 VENTILATOR USING SOLAR POWER
901 FOG DISPELLER
902 AIR RAID SHELTER VENTILATION
903 FLEXIBLE DUCTS USED FOR CARRYING
AIR
904 MAGNETIC MEANS TO HOLD A DAMPER
CLOSED
905 BLACK OUT MEANS
906 NOISE INHIBITING MEANS
907 SEAT
908 HAVING ROTARY RETARDER
909 RADON PREVENTION

FOREIGN ART COLLECTIONS

FOR CLASS-RELATED FOREIGN DOCUMENTS